| Ref<br># | Hits               | Search Query                        | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------------------|-------------------------------------|---|---------------------|---------|------------------|
| S1       | 1                  | comon near2 mode near2 interference | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2006/10/02 10:46 |
| S2       | 924977             | receiver                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2006/10/02 10:46 |
| S3       | 109497             | S2 and interference                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2006/10/02 10:46 |
| S4       | 2030               | common near2 interference           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2006/10/02 10:46 |
| S5       | 771                | S3 and S4                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2006/10/02 10:48 |
| S6       | 55                 | laser seeker                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2006/10/02 11:05 |
| S8       | 27978 <sub>.</sub> | common mode                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2006/10/02 10:49 |
| S9       | 6487               | S8 and interference                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2006/10/02 10:49 |

| S10 | 5790 | pulse detection                   | US-PGPUB;<br>USPAT;<br>USOCR;                                       | ADJ   | ON | 2006/10/02 11:05 |
|-----|------|-----------------------------------|---|-------|----|------------------|
|     |      |                                   | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                    |       |    |                  |
| S11 | 1065 | S10 and interference              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | ADJ   | ON | 2006/10/02 11:06 |
| S12 | 194  | S11 and pulse amplitude           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | ADJ   | ON | 2006/10/02 11:06 |
| S13 | 143  | S12 and filter                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | ADJ   | ON | 2006/10/02 11:38 |
| S14 | . 75 | interference near3 remover        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | ADJ   | ON | 2006/10/02 11:50 |
| S15 | 3    | (common near2 mode) with remover  | US-PGPUB;<br>USPAT;<br>USOCR; .<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON | 2006/10/02 12:01 |
| S16 | 1417 | (common near2 mode) with remov\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | ADJ . | ON | 2006/10/02 11:52 |
| S17 | 1184 | S16 and signal                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | ADJ   | ON | 2006/10/02 12:02 |

| S18  | 131  | S17 and amplitude not phase                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 13:12          |
|------|------|--|---|-----|----|---------------------------|
| S19* | 6344 | (common near2 mode) with rejection                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 12:01          |
| S20  | 6020 | S19 and signal                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 200 <u>6</u> /10/02 12:02 |
| S21  | 873  | S20 and amplitude not phase                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 12:02          |
| S22  | 453  | S21 and filter                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 12:02          |
| S23  | 358  | S22 and detect\$4                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 12:03          |
| S24  | 40   | S22 and ((multi\$3 or plural\$4) near2 channel\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 12:05          |
| S25  | 7972 | (common near2 mode) with noise                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 13:13          |

| S26 | 2260 | S25 and interference  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON   | 2006/10/02 13:14 |
|-----|------|---|---|-------|------|------------------|
| S27 | 442  | S26 and ((multi\$4 or plurality) with channel\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON   | 2006/10/02 13:15 |
| S28 | 413  | S27 and (remov\$4 or reject\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON   | 2006/10/02 14:00 |
| S29 | 297  | laser with seeker   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON · | 2006/10/02 14:00 |
| S30 | 3    | S29 and common mode   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ . | ON   | 2006/10/02 14:01 |
| S31 | 9388 | 375/346,148,350.ccls. or 455/296,<br>63.1,278.1,283,307,295,298.ccls. or<br>327/309.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON   | 2006/10/02 14:02 |
| S32 | 1130 | S31 and ((Multi near channel) or (plurality near4 channel))                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON   | 2006/10/02 14:24 |
| S33 | 1059 | S32 and (interference or noise)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON   | 2006/10/02 14:07 |

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|-----|----------|---|---|-----|----|------------------|
| S34 | 80       | S33 and locate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 14:07 |
| S35 | 9388     | 375/346,148,350.ccls. or 455/296,<br>63.1,278.1,283,307,295,298.ccls. or<br>327/309.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 14:25 |
| S36 | 1130     | S35 and ((Multi near channel) or (plurality near4 channel))                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 08:31 |
| S37 | 14       | S36 and ((common near2 mode) with (interference or noise))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 14:35 |
| S38 | 411      | S36 and ((remov\$4 or reject\$4) with (interference or noise))                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 14:35 |
| S39 | 85       | S38 not phase   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 14:55 |
| S40 | 1        | 2001/0046256  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 14:58 |
| S41 | 4905276  | receive\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEŅT;<br>IBM_TDB | ADJ | ON | 2006/10/02 14:58 |

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| S42 | 5761 | S41 with (multi near2 channel)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 14:59 |
| S43 | 445  | S42 and (lowest and highest)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 15:00 |
| S44 | 212  | S43 and sum   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 15:00 |
| S45 | 196  | S44 and (reject\$4 or remov\$4)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 15:01 |
| S46 | 37   | S45 and (common with mode)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 15:06 |
| S47 | 159  | S45 not S46   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 15:08 |
| S48 | 2909 | (plurality or multiple) near3 (data adj channel\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 15:09 |
| S49 | 141  | S48 and ((lowest or weakest) with channel\$1)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/02 15:10 |

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| S50 | 71    | S49 and ((highest or strongest) with channel\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/02 15:11 |
| S51 | 46    | S50 and (noise or interference)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/02 15:18 |
| S52 | 69177 | alexander.in.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/02 15:19 |
| S53 | 408   | (alexander william).in.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/02 15:23 |
| S54 | 11646 | pulse near detector                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/02 15:32 |
| S55 | 4893  | S54 and (interference or noise)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/02 15:32 |
| S56 | 2805  | S55 and (remov\$4 or reject\$4)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON . | 2006/10/02 15:33 |
| S57 | 545   | S56 and ((multi\$4 or plurality) with channel)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/02 15:42 |

| S58 | 387   | S57 and (maximum or highest)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON | 2006/10/02 15:34 |
|-----|-------|--|---|-------|----|------------------|
| S59 | 288   | S58 and (minimum or lowest)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON | 2006/10/02 15:34 |
| S60 | 288   | S59 and signal                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON | 2006/10/02 15:36 |
| S61 | 152   | S60 and sum                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ . | ON | 2006/10/02 15:42 |
| S62 | 90114 | limiter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON | 2006/10/02 15:42 |
| S63 | 4915  | S62 and ((multi\$4 or plurality) with channel) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON | 2006/10/02 16:40 |
| S64 | 372   | interference filtering                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON | 2006/10/02 16:41 |
| S65 | 5031  | common mode rejection                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON | 2006/10/02 16:41 |

| S66 | 3    | S64 and S65  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;            | ADJ | ON  | 2006/10/02 16:42 |
|-----|------|--|---|-----|-----|------------------|
| S67 | 1351 | S65 and interference                                 | IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB        | ADJ | ON  | 2006/10/02 16:42 |
| S68 | . 88 | S67 and multi near2 channel                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2006/10/03 08:05 |
| S69 | 88   | S67 and (multi near2 channel)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2006/10/02 16:42 |
| S70 | 1205 | (purality or multi\$3) near2 (data adj channels)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ·ON | 2006/10/03 08:06 |
| S71 | 345  | S70 and sum\$3                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2006/10/03 08:07 |
| S72 | 316  | S71 and (minimum or low\$3) and (high\$3 or maximum) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2006/10/03 08:47 |
| S73 | 216  | S72 and (interference or noise)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2006/10/03 08:08 |

| CZA | 474  | C72 and compared?   | US-PGPUB;   | ADJ | ON   | 2006/10/03 08:09 |
|-----|------|---|---|-----|------|------------------|
| S74 | 171  | S73 and compar\$3   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | ADJ | ON   | 2006/10/03 08:09 |
| S75 | 122  | S74 and (remov\$3 or reject\$3 or reset\$4)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/03 08:09 |
| S76 |      | S74 and (sum\$3 with (low\$3 or minimum) with channel\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON . | 2006/10/03 08:38 |
| S77 | 2442 | (sum\$3 with (low\$3 or minimum) with channel\$1)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/03 08:45 |
| S78 | 1169 | S77 and compar\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/03 08:46 |
| S79 | 1130 | S78 and (minimum or low\$3) and (high\$3 or maximum)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/03 08:48 |
| S80 | 272  | S79 and (compar\$3 with (high\$3 or maximum))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/03 08:49 |
| S81 | 150  | guidance circuit  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON   | 2006/10/03 08:54 |

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| S82 | . 48   | S81 and (interference or noise)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 09:10 |
| S83 | 113996 | interfer\$4 with (reject\$3 or remov\$3 or eliminat\$3)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 10:19 |
| S84 | 63939  | interfer\$4 near4 (reject\$3 or remov\$3 or eliminat\$3)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 10:19 |
| S85 | 54518  | interfer\$4 near3 (reject\$3 or remov\$3 or eliminat\$3)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 10:20 |
| S86 | 5178   | S85 and compar\$3 and sum and (maximum or high\$3) AND (minimum or low\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 10:21 |
| S87 | 1308   | S86 and ((multi\$3 or pluralit\$3)<br>near2 channel\$1)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 10:22 |
| S89 | 1191   | S87 and filter\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 10:23 |
| S90 | 72     | S89 and (sum with (lowest or minimum))                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 10:46 |

| S91 | 2823 | ((remov\$3 or reject\$3 or eliminat\$3) and interference).ti.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 10:47 |
|-----|------|--|---|-----|----|------------------|
| S92 | 5766 | ((remov\$3 or reject\$3 or eliminat\$3 or filter\$3) and interference).ti. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 10:48 |
| S93 | 99   | S92 and ((multi\$3 or pluralit\$3)<br>near2 channel\$1)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 12:00 |
| S94 | 2    | "6591091".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 12:01 |
| S95 | 551  | common mode interference   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 12:01 |
| S96 | 260  | S95 and ((remov\$3 or reject\$3 or eliminat\$3) with interference)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 12:05 |
| S97 | 83   | S96 and ((multi\$3 or pluralit\$3) near2 channel\$1)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 12:50 |
| S98 | 2    | "5243992".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/10/03 13:26 |

| S99      | 2      | "6575915".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2006/10/03 13:27 |
|----------|--------|--|---|-----|-----|------------------|
| S10<br>0 | 11     | ("4307728"   "4802488"  <br>"4893631"   "5243992"   "5269312"<br>  "5273046"   "5467771"  <br>"5494043"   "5497779").PN. OR<br>("6575915").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 13:29 |
| S10<br>1 | 207667 | transducer   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 13:39 |
| S10<br>2 | 68606  | S101 and (interference or noise)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 13:39 |
| S10<br>3 | 112    | S102 and common mode interference  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ·ON | 2006/10/03 13:40 |
| S10<br>4 | 61     | S103 and (multi\$3 or plurality)<br>near3 channels   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 13:47 |
| S10<br>5 | 3075   | common mode signal   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 13:47 |
| S10<br>6 | 1116   | S105 with (reject\$3 or remov\$3 or eliminat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 13:47 |
| S10<br>7 | 97     | S106 and ((multi\$3 or plurality) near3 channel\$1)  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 14:01 |
| S10<br>8 | 36     | 398/39.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 14:07 |
| S10<br>9 | 8362   | 375/349,350,260,267,347,340,285,<br>346.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 14:08 |
| S11<br>0 | 1979   | S109 and ((multi\$3 or plurality) near2 channel\$1)  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 14:09 |
| S11<br>1 | 1764   | S110 and (interference or noise)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 14:10 |
| S11<br>2 | 1261   | S111 and (sum\$4 or add\$3) and compar\$4  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON  | 2006/10/03 14:11 |

| S11<br>3         | 937    | S112 and (remov\$3 or reject\$3 or eliminat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/03 14:12 |
|------------------|--------|--|------------------------------|-----|----|------------------|
| S11<br>4         | 865    | S113 and (minimum or low\$3) and (maximum or high\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/03 14:20 |
| S11<br>5         | 23404  | navigation system  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/03 14:21 |
| S11<br>6         | 1156   | S115 and (multi\$3 or pluralit\$3)<br>near2 channel\$1   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/03 14:21 |
| S11 <sub>7</sub> | 623    | S116 and (noise or interference)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/03 14:22 |
| S11<br>8         | 45     | S117 and (common mode)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/03 16:00 |
| S11<br>9         | 3999   | false detection  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/03 16:01 |
| S12<br>0         | 318    | S119 and (interference or noise)<br>and ((multi\$3 or pluralit\$3) near2<br>channel\$1)                    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/04 07:35 |
| S12<br>1         | 8353   | (common mode) with (delet\$3 or remov\$3 or reject\$3 or eliminat\$3)                                      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/04 07:36 |
| S12<br>2         | 12     | S121 with ((multi\$3 or pluralit\$3) near2 channel\$1)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/04 08:40 |
| S12<br>3         | 1      | (max\$4 or high\$3) same (low\$3 or<br>minimum) same peak same detect<br>same arrarg\$3                    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/04 08:44 |
| S12<br>4         | 1423   | (max\$4 or high\$3) same (low\$3 or<br>minimum) same (peak or<br>amplitude) same detect same<br>channel\$1 | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/04 10:01 |
| S12<br>5         | 39     | S124 and ((ascend\$3 or descend\$3) with (order or way))   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/04 09:17 |
| S12<br>6         | - 5834 | threshold and (sum\$4 with (low\$3 or minimum) with (signal or channel))                                   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/04 09:19 |
| S12<br>7         | 1402   | threshold same (sum\$4 with (low\$3 or minimum) with (signal or channel))                                  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/10/04 09:20 |

| S12<br>8 | 120   | S127 and ((multi\$3 or pluralit\$3) near3 channel\$1)                      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ   | ON | 2006/10/04 09:21 |
|----------|-------|--|------------------------------|-------|----|------------------|
| S12<br>9 | 16602 | (reject\$3 or remov\$3 or eliminat\$3) with false                          | US-PGPUB;<br>USPAT;<br>USOCR | ADJ   | ON | 2006/10/04 10:03 |
| S13<br>0 | 1073  | S129 and ((multi\$3 or pluralit\$3)<br>near4 channel\$1)                   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ . | ON | 2006/10/04 10:04 |
| S13<br>1 | 544   | S130 and ((minimum or low\$3) with level)                                  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ   | ON | 2006/10/04 10:06 |
| S13<br>2 | 518   | S131 and detect\$4   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ   | ON | 2006/10/04 10:07 |
| S13<br>3 | 517   | S132 and (max\$4 or high\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ   | ON | 2006/10/04 10:24 |
| S13<br>4 | 676   | ((multi\$3 or pluralit\$3) with channel\$1) same (ascend\$3 or descent\$3) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ   | ON | 2006/10/04 10:26 |
| S13<br>5 | 182   | S134 and sum\$4 and compar\$4  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ   | ON | 2006/10/04 10:38 |
| S13<br>6 | 476   | sum\$3 with subset with (data or channel or signal)                        | US-PGPUB;<br>USPAT;<br>USOCR | ADJ   | ON | 2006/10/04 10:43 |
| S13<br>7 | 0     | S127 and ((multi\$3 or pluralit\$3) near3 chanel)                          | US-PGPUB;<br>USPAT;<br>USOCR | ADJ   | ON | 2006/10/04 10:44 |



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